



32-bit PCI-bus Fast Ethernet Adapter

- Meets PCI Local Bus Specification, Rev. 2.0 or above
- PCI 32-bit Bus Master architecture provides high throughput with low CPU utilization
- Supports both 10Mbps and 100Mbps for future migration
- Provides full-duplex Ethernet operation for both 10BASE-T and 100BASE-TX
- Supports 100BASE-TX UTP-CAT5 or STP cable

Fast EtherCombo-TX (EN1207) for 100BASE-TX, 10BASE2 and 10BASE-T

The PCI Local Bus delivers higher data throughput that eliminates I/O bottlenecks, making it far superior to ISA, EISA and MCA bus architectures. Accton's Fast EtherCombo-TX is a high performance 100Mbps adapter based on this advanced platform. Designed to complement the next generation of PCI Local Bus computers, the Fast EtherCombo-TX supports 32-bit data transfer, 32-bit bus width, and bus master architecture.

Reliability & Flexibility



Advanced VLSI and SMT manufacturing ensure high-performance and reliability on a low component-count card. Also, you can operate the Fast EtherCombo-TX in full-duplex mode. It doubles the channel bandwidth from 10 to 20Mbps for 10BASE-T and from 100 to 200Mbps for 100BASE-TX.

Compatible with Industry Standards

This adapter conforms to IEEE802.3 10BASE2, 10BASE-T, 100BASE-TX and PCI Local Bus Specification, Rev. 2.0. A wide range of drivers are supplied for commonly used network operating systems such as Novell NetWare and NDIS.

Dual-Speed Support and Easy Monitoring

The Fast EtherCombo-TX provides dual-speed support for both 10Mbps and 100Mbps data rates with UTP-CAT5 or STP cable. Data rate is software selectable. Moreover, LEDs make it easy to monitor busy, link, collision, and data rate indications.

Compatibility

Standards	IEEE 802.3 10BASE2, 10BASE-T IEEE 802.3u 100BASE-TX Meets PCI Local Bus Specification, Rev. 2.0 or above
Interface	100BASE-TX (RJ-45), 10BASE2 (BNC), 10BASE-T (RJ-45)
PCs Supported	PCI Local Bus computers

Configuration

System Clock	Up to 33MHz
Data Interface	32-bit bus mastering PCI
I/O Address	Automatically determined by configuration space
Interrupt Level	INT A, mapping to BIOS IRQ SETUP
Full Duplex	10Mbps & 100Mbps

Physical Characteristics

Power Requirements	10BASE2 (BNC): +5V/0.5A (Stand-by); +5V/0.530A (Transmit) 10BASE-T (RJ-45): +5V/0.515A (Stand-by); +5V/0.520A (Transmit) 100BASE-TX (RJ-45): +5V/0.600A (Stand-by); +5V/0.700A (Transmit)
Temperature	0°C to 55°C (Standard Operating)
Humidity	10% to 90% (Noncondensing)
LED Indicators	100Mbps, Link, Receive, Collision
Dimensions	5.11" x 4.20" (129.87mm x 106.68mm)

Hardware Certification

FCC Class B, CE Mark, BZT Class B, VCCI Class 2, CISPR 22 Class B

Software Support

Network Operating Systems:	
ODI Drivers	Novell NetWare 3.X, 4.X, NetWare LAN WorkPlace, Novell LAN Analyzer, Personal NetWare
NDIS 2.0 Drivers	Microsoft LAN Manager, Windows for Workgroups, IBM LAN Server, IBM LAN Support, DEC PATHWORKS, Sun PC-NFS, Banyan VINES, IBM TCP/IP for DOS & OS/2, Wollongong Pathway Access
NDIS 3.0 Drivers	Windows for Workgroups 3.11, Windows NT, Windows 95
Packet Drivers	FTP PC/TCP, NCSA TCP/IP, LanSoft
UNIX Driver	SCO Unix

Ordering Information

- Fast EtherCombo-TX (EN1207) 10/100Mbps 32-bit Ethernet Adapter based on PCI Local Bus and 100BASE-TX standards

ISO 9001 Symbol of Quality Excellence



Certificate No. FM 25401

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